<u>Density of Radioactivity</u>

$$\frac{Curies}{cm^3}$$

Alloy	t = 0	t = 1 d	t = 1 y	t = 100 y
Nb1Zr	158	94	0.0006	0.00005
TZM	125	83	0.04	0.007
316 SS	100	68	29	0.005
2024 Al	44	8.7	0.3	0.00001
V-20Ti	27	6.6	0.31	$<10^{-37}$
Nat U				0.000006->

BHP- Level Figure-air,water

Alloy	$\frac{km^3 Air}{cc - metal}$	$\frac{km^3 Water}{cc - metal}$	
	t=0	**t=100 Y**	**t=10,000**
TZM	**2.9**	**1.0**	**0.7**
316SS	**2.0**	**5.4**	**0.03**
2024 Al	**0.55**	**0.2**	**0.2**
Nb1Zr	**0.36**	**0.6**	**0.3**
V-20Ti	**0.2**	**insig.**	**insig**
Natural U	**0.001**	**0.2**	**0..2**